

**PATENT APPLICATION**Attorney Docket No.: 108530

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**AMENDMENT TRANSMITTAL**

In re the Application of

Ramesh H. KAKKAD

Group Art Unit: 2823

Application No.: 09/778,744

Examiner: W. Coleman

Filed: February 8, 2001

For: AN ELECTRO-OPTICAL APPARATUS AND METHOD FOR FABRICATING A FILM,  
SEMICONDUCTOR DEVICE AND MEMORY DEVICE AT NEAR ATMOSPHERIC PRESSURE  
(AS AMENDED)

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- ☐ Entitlement to small entity status is hereby asserted.  
☐ Small entity status of this application has been established.

The filing fee has been calculated as shown below:

	(Column 1)	(Column 2)	(Column 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'L FEE	RATE	ADD'L FEE
TOTAL CLAIMS	*22	21	=1	x 9	\$	x 18	\$ 18.00
INDEP CLAIMS	*5	5	=0	x 42	\$	x 84	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+ 140	\$	+280	\$
					\$		\$ 18.00

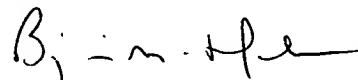
- \* If the entry in Column 1 is less than the entry in Column 2, write "0" in Column 3.  
\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.  
\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" in this space (Total or Independent) is the highest number found from the equivalent box in Column 1 of a prior Amendment or the number of claims originally filed.

- ☒ Check No. 138368 in the amount of \$18.00 is attached. The Director is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

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Please grant any extension  
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Respectfully submitted,



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JAO:BMH/vgp

Date: January 24, 2003

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Ramesh H. KAKKAD

Application No.: 09/778,744

Filed: February 8, 2001

Group Art Unit: 2823

Examiner: W. Coleman

Docket No.: 108530

#10/Art A  
R-E  
1/31/03

For: AN ELECTRO-OPTICAL APPARATUS AND METHOD FOR FABRICATING A FILM, SEMICONDUCTOR DEVICE AND MEMORY DEVICE AT NEAR ATMOSPHERIC PRESSURE (AS AMENDED)

AMENDMENT UNDER 37 C.F.R. §1.111

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In reply to the September 24, 2002 Office Action, please amend the above-identified application as follows:

IN THE TITLE:

Please replace the title so that it reads as follows:

--AN ELECTRO-OPTICAL APPARATUS AND METHOD FOR FABRICATING A FILM,  
SEMICONDUCTOR DEVICE AND MEMORY DEVICE AT NEAR ATMOSPHERIC  
PRESSURE--

IN THE CLAIMS:

Please replace claims 1, 16, 17, 20 and 21 as follows:

1. (Amended) A method for fabricating a film, the method comprising:  
supplying electrical energy to a mixture of noble gas and reactant gas at a  
total pressure of 90 kPa to 110 kPa to create reactive species, the reactive species forming a  
film on a substrate, the electrical energy being used for producing noble gas radicals and ions,  
the noble gas radicals and ions colliding with the reactant gas to form the reactive species.

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